Monthly Divisional Report

New Jersey State Highway Department

June 1960

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Form #AD-39

MONTHLY DIVISIONAL REPORT Month of **June** 19 60

Division: **Accounting & Administrative Services**

Bureau: **Administration**

CONTRACTS

Bids received on fifteen (15) projects and necessary reports and certificates of award prepared. Twelve (12) contracts awarded; contracts prepared and forwarded for execution. Execution of seven (7) contracts completed. One (1) project rejected and readvertised. Ten (10) projects advertised for bids. One hundred and eighty (180) sets of plans and supplementary specifications distributed.

SCHEDULES OF APPROVALS

Four (4) Schedules preparedlisting a total of three hundred and ten (310) items; which by a combination of items where possible represents action on four hundred and seven (407) individual items. Official copies of Schedules signed by the Commissioner, placed in Minute Book and indexed. Schedules of Approvals distributed in accordance with regulations and necessary letters concerning official actions written.

GENERAL

30 Standard Specifications issued
3 Deposits made for transmittal of income
5 Traffic Regulations certified to Division of Motor Vehicles
77 Property Agreements attested and processed
15 Agreements attested and processed
70 Municipal Aid contracts,applications,agreements,transfers,etc.certified
16 General Releases executed
2 Motor Vehicle claim settlements executed
2 Equipment Rental Agreements executed
50 Motor Vehicle license forms executed
4 Deeds of Conveyance acknowledged and processed
1 Utility Order attested and processed
4 Permit Bonds executed
3 Public Hearings advertised

General correspondence, filing and answering telephone inquiries.
Receiving
~~Recording~~ and reading bids at six lettings.

Kenneth D Rice

Kenneth D. Rice
Secretary

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Form #AD-39

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Form #AD-39

MONTHLY DIVISIONAL REPORT Month of June 19 60

Division: Accounting &Administrative Services

Bureau: Office of Comptroller
Bureau of Auditing & Accounting

Mr. Baki Boro, Department of Public Works, Turkey, interested in the fiscal operation of the Department, was referred to the Comptroller by the Division of Budget & Accounting, Department of Treasury. A transcript of the discussions with Mr. Boro is attached.

In the Bureau of Auditing & Accounting, approximately 3700 invoices were passed for payment for materials, supplies, estimates to contractors, right of way invoices and utility bills.

Warrants were drawn fro 225 County & Municipal Aid payments amounting to $1,367,019.40. Funds were certified on Contracts, Price Agreements, Transfer forms, etc.

Expenditures during the month of May exceeded $12,600,000.

C. Card
Comptroller

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of June 19 60

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C. Card
Comptroller

TRANSCRIPT OF DISCUSSIONS WITH MR. BAKI BORO, DEPT. OF PUBLIC WORKS, TURKEY RE OPERATION OF STATE HIGHWAY DEPARTMENT

Funds-Budget The State Departments operate on a fiscal year basis, from July 1, to June 30. During the operating year, each Department prepares its requirements for the next fiscal year in budget form for presentation to the State Treasurer and Budget Director. The Budget Director, after hearings and a thorough review, submits the budgets to the Governor for his recommendation. A State Appropriations Committee reviews the Governor's Budget recommendations; prepares an Appropriations Bill, which when enacted by the Legislature governs the amount of funds to be set aside for each Department.

Construction Program A Construction Program, listing the proposed items of construction, is prepared and presented to the State Highway Commissioner and to the Governor for approval. Funds appropriated for construction purposes can be used only for the items listed on the approved Program. Any deviation therefrom is made in the form of a transfer and must be approved by the Commissioner and Governor.

Location & Design The performance of the program is under the jurisdiction of the State Highway Engineer. Traffic studies, surveys, the drawing of plans and specifications, are done by our own forces. (When the project is such that our forces are inadequate, or the volume of work so warrants, this work is let out to consultants or outside engineering firms on a straight fee or percentage basis.) On some of the new routes involving Federal participation, the Government requires that we present numerous designs which are subject to change as a result of public hearings.

No job is advertised until it has been approved as to design, plans, specifications, etc. Nor can we advertise a Federal Project until it is approved by the Government.

Ads The advertisements of proposed projects are placed in the newspapers. Sets of plans and specifications are available to all contractors desiring to bid on the jobs. In New Jersey, contractors who wish to bid on state jobs must be pre-qualified by us, as to type of work and amount. They submit financial, equipment and experience statements on which is based their rating.

Bids Sealed bids are received on a certain day and opened by Department representative. Before the bids are read, the papers are reviewed as to form, bonds, etc. and if improper or incorrect, are automatically disqualified. Bids are then read in total amount and the unit prices are read of the two lowest bidders. The lowest responsible bidder is awarded the contract.

Award A list of the bidders is immediately sent to the Highway Engineer and the Commissioner apprizing them of the fact; followed by a form recommending that the contract be awarded and requesting the Comptroller to certify that funds are available. The State HighwayCommissnr.officially awards the contract to the bidder.

The Contractor, having been awarded the contract, has a certain number of days allowed in which to start the job and a certain specified number of days in which to complete.

Construction After this point the Construction Division takes over; engineers and inspectors are assigned to the contract to observe the contractor's methods, materials used, and assure that all work is being performed in accordance with the specifications of the contract.

Conflicts — Conflicts that might possibly arise during the performance of the work are quickly resolved by the engineers in charge and as the specification prescribe in detail the methods to be used, the materials requirements, etc., conflicts between the Contractor and Department forces are not frequent.

Recourse — Problems not resolved on the job can be presented to the State Highway Engineer for his determination, or on to the State Highway Commissioner.

Changes of Plans — Changes of Plan which might occur during the course of the job (Reductions, Extra Work Orders or Supplemental Agreements) are recommended by the Resident Engineer, approved by the Highway Engineer and Commissioner; payment is made on the basis of the unit prices quoted in the contract. The total price bid controls the contract. Changes do not exceed 25% of the total contract and occur in the individual items only; at no time would the length of the job be changed.

Provisions are made for strikes, national emergencies, acts of God, steel shortages, etc. Time extensions aan be requested and granted; claims for losses suffered can be submitted to the Legislature for payment.

Relation of Department and Contractor — Regarding the relation of the Department to the Contractor and the protection afforded the business man, the Contractor is bonded. He furnishes a bond from the Bonding Company and guarantees that all claims of all kinds will be paid for by the Contractor; the bond further stipulates that if the contract is not performed, the Bonding Company will step in to complete the job.

Payment — We pay the contractor monthly (progress payments) on the basis of estimate of work done. The Department in turn bills the Federal Government on a progress voucher basis. (Having approved the design and plans before the job is bid, the Government reviews the work in progress and any change orders, but assign no inspectors to the jobs.)

After the job has been completed and accepted, we pay the Contractor the final payment, and in turn bill the Government. If the work is satisfactory the Government reimburses us for 50% or whatever their participation.

Control — Regarding "enough control" of the Contractor, we have thus far had sufficient men to control the performance of the job through our engineers and inspectors. We have not had to resort to hiring outside firms for inspection.

Own Maintenance Forces — Relative to work performed by our own forces, we have a Maintenance Force to maintain our roads; we have our own equipment, cars, trucks and road building equipment. The State is divided into sections; supervisors, foremen, assistant foremen and gangs of men are assigned to cover each section. They clear, cut grass, clean signs, make minor repairs, shoulders, etc. This is done on state routes only.

In addition to regular maintenance, there are small jobs performed by our own forces; improved drainage conditions, island openings, resurfacing; jobs too small to warrant the drawing of plans or advertising for bids.

Jurisdiction over County, etc. Roads — Counties (21) and Municipalities (563) construct and maintain their own roads with their own forces. The State Highway Department has jurisdiction only when State Aid Funds are being used for such work and State Aid Projects Inspectors are assigned to check plans and inspect during construction. We have no control over county or municipal personnel. "Home Rule" prevails; however, in most counties personnel are qualified under Civil Service examination.

Managerial — Relative to managerial problems; in the case of funds, should emergencies arise, snow, ice control, floods, a Supplemental Appropriation can be requested. Appropriations are not made in Lump Sum but on the line item basis. However provision is made for transfer from one account to another if necessary. Line item appropriation makes for greater control and its intent is to keep departments operating as economically as possible.

Personnel — Relative to managerial problems in the field of personnel, the greatest problem is the recruitment of professional people. The Department of Civil Service sets us a classification of titles and commensurate salary ranges. In the past few years the State has made salary adjustments which has put them within better reach of the average industrial firms. However the pay scale is still a deterent in attracting the best people.

Employees are paid on a bi-weekly basis. Prior to two years ago, they were paid on a semi-monthly basis.

Qualified employees are certified to the Department upon request from the Department of Civil Service from lists promulgated as a result of open competitive examination. Once employed from a list the employees advance vertically through promotional examination. It has been just recently that lateral promotions and transfers are being made.

Reclassification — Where reclassification or revision of range is deemed warranted, recommendation is made to the Department of Civil Service. Job specifications are prepared, a desk survey or job study is made and the findings submitted to the Director of the Classification Section.

Rights of Employees — The right of an employee to request reclassification on his own is covered only under the Grievance Procedure. However, any employee has the right to be heard by Civil Service which, in effect, constitutes the employees' union. Should an employee have reason to believe that papers in his behalf have been intentionally delayed he has the right to seek appeal.

Training Program — No formalized training program exists. The Department's policies, procedures, and methods are absorbed by "qualified-through-examination" employees through on-the-job training by immediate supervisors. A training period of six months for graduates of engineering colleges, "trainees", consists of the assignment of these trainees to the various divisions, i.e., Roads Construction, Location and Design, Bridge, Soils, Testing and Materials, Right of Way. At the termination of their assignment in each of these fields they prepare papers which ultimately determine their placement.

There are short training courses given to Foremen who deal with hourly employees, most laborers, in order that they may correctly instruct, counsel and train.

Counselling — Counselling, outside of the immediate supervisory level, is done by the Director of Personnel. Usually the grievance leads to the ultimate transfer of the employee to another assignment.

Competition — Competition or friction between the engineering group and the administrative group as to salaries commensurate with their titles is non-existant. Adjustments or salary increases are made across the board.

Awards — The Central Committee for the Awards System is located in the Department of Civil Service. A Suggestion System for the Highway Department only is not deemed feasible. While there would be the advantage of screening worthless suggestions, there would also be the disadvantages of overlapping of duties, duplication, appropriation of separate funds for awards, etc. The advantages of the Central Committee are obvious. One of the disadvantages is the time

element and also the possibility of a suggestion being "killed" in the process of screening.

Personnel Records

We recruit our personnel through (1) open competitive examination (Civil Service lists) (2) direct applications on file when lists are exhausted and (3) laborers for which no examination is held.

Upon completion of the necessary processing forms, medical examination, the employee is hired. Two employee cards are prepared, one filed alphabetically by name and the other by title. Upon these cards is posted data pertinent to that employee and his department history is available at a glance. An employee jacked is also prepared and all correspondence, papers, etc. pertaining to him are filed therein.

Central Payroll is advised only of the changes affecting the payroll.

A card system is maintained by the Nurse in the Dispensary. Pre-employment medical examinations are conducted twice weekly by the Doctor engaged by the Department on a special service contract basis.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of June 19 60

Division: Administration
Bureau: Hourly Payroll Bureau

Preparation of bi-weekly Hourly Basis Payrolls, checking and approval of same. Supervise the drawing of individual checks each bi-weekly pay or a total of 2808 checks for the month of Maintenance Bureau employees. Total of payrolls for the month $469,056.48.

Also prepared bi-weekly payrolls and checks for 195 hourly basis employees assigned to Penn-Jersey Transportation and Traffic Survey with a total of $25,358.28 for the month.

Prepared Accounts Receivable billings, deposit of checks and cash for the month, approval of releases in conjunction with Accounts Receivable.

Supervise the personnel of the Hourly Payrolls Bureau in regular routine work.

Correspondence regarding Hourly Basis employees.

Spent two (2) days in the field paying hourly basis employees during the absence of regular Paymaster on vacation. Spent three (3) days in the field instructing Foremen and Assistant Foremen in the use of new Highway Job order codes that became effective July 1st 1960. Spent one (1) day in the field conferring with Highway Employees regarding their retirement.

Clyde W. Case
Head Paymaster

Month of June 19 60

Bi-weekly Hourly Pasis Payrolls, checking
. Supervise the drawing of individual
-weekly pay or a total of 2808 checks for the
Bureau employees. Total of payrolls for
$27,050.40.

prepared bi-weekly payrolls and checks for 192 h
ployees assigned to Penn-Jersey Transportation and
Jersey with a total of $25,350.28 for the month.

Prepared Accounts Receivable billings, deposit of checks
ceived for the month, approval of releases in conjunction
the Accounts Receivable.

Supervise the personnel of the Hourly Payrolls Bureau
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Clyde W. Case

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of JUNE 1960

Division: ACCOUNTING AND ADMINISTRATIVE SERVICES

Bureau: OFFICE SERVICES

OFFICE SERVICES

INSPECTION TRIPS WERE MADE OF OFFICE FURNITURE AND EQUIPMENT AT THE FOLLOWING LOCATIONS. FAIR GROUNDS, TRENTON, NEWARK, FLEMINGTON LANDSCAPE OFFICES, FLEMINGTON, HADDONFIELD OFFICE AND METUCHEN OFFICE. THESE INSPECTION TRIPS WERE MADE TO THE HIGHWAY OFFICES TO TALK OVER WHAT EQUIPMENT AND FURNITURE IS AVAILABLE IN OUR 1960-61 BUDGET.

DURING THE PAST MONTH A LARGE QUANTITY OF OFFICE TABLES, CHAIRS, AND DESKS WERE PICKED UP AT THE VARIOUS GOVERNMENT CAMPS. THIS FURNITURE WAS GIVEN TO THE HIGHWAY DEPARTMENT WITHOUT CHARGE FROM THE FEDERAL GOVERNMENT AND WILL TEND TO RELIEVE SOME OF THE SHORTAGE OF OUR FURNITURE NEEDS THROUGHOUT THE DEPARTMENT, THIS INCLUDES IN OUR TRENTON OFFICE.

WE ARE NOW IN THE PROCESS OF MAKING A PRELIMINARY SURVEY SO WE MAY EVENTUALLY MAKE A PERMANENT INVENTORY OF ALL OFFICE FURNITURE AND MACHINES AND HAVE AUTOGRAPH PLATES ATTACHED TO EACH PIECE OF EQUIPMENT AND MAKE A RECORD OF ALL OFFICE EQUIPMENT ON I.B.M. CARDS.

FILES & RECORDS

CLEARED 30 DRAWERS OF RECORDS IN THE BRIDGE DIVISION, CULLING THOSE AUTHORIZED BY THE STATE RECORDS COMMITTEE FOR DESTRUCTION AND BOXING THE REMAINING RECORDS FOR LOW COST STORAGE IN OUR RECORDS BUILDING. THE CENTRAL FILES ARE ASSUMING CONTROL OF ALL NON-CURRENT RECORDS IN THIS DIVISION. WE ARE ALSO WORKING ON A REVISION OF THE FILING SYSTEM IN THE PLAN FILE ROOM OF THE BRIDGE DIVISION.

STARTED WORK ON A PRELIMINARY SURVEY OF ALL FURNITURE AND OFFICE EQUIPMENT PREPARATORY TO SETTING UP A CODE FOR AN I.B.M. CARD RECORD CONTROL OF EACH PIECE OF OFFICE, SHOP AND FIELD FURNITURE AND EQUIPMENT.

MAIL ROOM

WE ARE BEING DULGED WITH REQUESTS FOR THE NEW HIGHWAY MAP IN SPITE OF THE FACT THAT REQUESTS WERE TO BE MAILED TO ELIZABETH, NEW JERSEY. MANY ARE ASKING FOR MORE THAN SEVERAL, MAKING IT NECESSARY FOR US TO PACK THEM AS BEST WE CAN, NOT HAVING SMALL CARTONS IN STOCK.

THE BUREAU OF PUBLIC RELATIONS KEPT US VERY BUSY WITH THE FOLDING OF THOUSANDS AND THOUSANDS OF "THROW AWAYS". MUCH OF THE WORK HAD TO BE HAND FOLDED CONSUMING MANY HOURS WHICH NECESSITATED ASKING FOR HELP FROM THE BUREAU OF OFFICE SERVICES.

WE'VE BEEN SENDING OUT ROLLS OF PLANS ALMOST EVERY DAY DENOTING AN ACCELERATEION IN ROAD BUILDING. $800.00 IN POSTAGE WAS SPENT ON PREPAID ENVELOPES GOING TO THE BUREAU OF TESTING AND EQUIPMENT.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of JUNE 1960

Division: ACCOUNTING AND ADMINISTRATIVE SERVICES

Bureau: OFFICE SERVICES

MAIL ROOM (CONTINUED)

WE WERE FORTUNATE IN GETTING LOIS DUKE BACK AS SUMMER HELP. IT'S SO MUCH EASIER TO HAVE SOMEONE WE'VE TRAINED THAN TO TEACH A NEW PERSON EACH YEAR.

DUPLICATING SECTION

APPROXIMATELY ONE THOUSAND PAPER MASTERS WERE PROCESSED, BY THE XEROX METHOD DURING THE PAST MONTH. THESE ASSIGNMENTS INCLUDED; HIGHWAY DEFENSE BRIDGE RECORDS, ROUTE DESCRIPTIONS, FINANCIAL REPORT, ROUTE AND JOB NUMBERS, ETC.

WE HAVE ALSO HAD THE OPPORTUNITY TO TEST A FEW NEW PRODUCTS SUCH AS PLASTIC COATED PAPER MASTERS, NO-SCUM QUICK-DRI INK, ETC. IN THE APPLIANCE FIELD WE WERE ABLE TO TEST AN ELECTRIC PUNCH WHICH IS USED FOR PLASTIC BINDING. THE TIME SAVED BY USING THIS ELECTRICALLY OPERATED PUNCH IN COMPARISON WITH OUR PRESENT HAND-OPERATED ONE IS APPROXIMATELY 80%.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of JUNE, 19 60.

Division: Accounting and Administrative Services

Bureau: Purchase and Stores

The activities in the Purchase and Stores Bureau during the month of June, 1960, were mostly of a routine nature.

Checks in the amount of $2027.20 covering the sale of 4.435 net tons of Scrap Cast Aluminum at $307.80-net ton - $1365.09 and 38.495-net tons Scrap Cast Iron and Steel at $17.20-net ton - $ 662.11, from C & R Waste Materials Co., Trenton, N. J., as a result of their high bid of June 9, were forwarded to Mr. Card, Comptroller.

Checks in the amount of $358.75 covering the sale of 6.16 net tons of IBM Cards (Scrap Paper) at $58.24-net ton, from the C & R Waste Materials Co., Trenton, N. J., as a result of their high bid of June 16, 1960, were forwarded to Mr. Card, Comptroller.

Checks in the amount of $52.88 covering the sale of 2.25 net tons of Scrap Steel Pipe at $23.50-net ton, from Joseph Bogner, Trenton, New Jersey, as a result of their high bid of June 9, 1960, were forwarded to Mr. Card, Comptroller.

Interviewed 25 salesmen representing various concerns during the month and attended 5 meetings regarding departmental matters and purchases.

Clifford Wear

Clifford Wear
Supervisor, Purchase and Stores Bureau

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of June 19 60

Division: Bridge

Bureau: Bridges under Construction Sheet 1 of 3

		% OF COMPLETION
Rt. US1:		
Sec. 1A	Reconstruction at Oakland Ave., Jersey City, Hudson Co.	21
Sec. 6A	U.P. Milltown Road, New Brunswick Twp., Middlesex Co.	23
Rt. US1&9:		
Sec. 1&2	Ramp Revisions, Jersey City, Hudson Co.	85
Rt. 3:		
Sec. 4A	Repair to Header at Lincoln Tunnel Approach, No. Bergen Twp., Hudson Co.	0
Rt. US9:		
Sec. 2	Cape May Canal Bridge, Lower Twp., Cape May Co.	96
Rt. 10:		
Sec. 2A	Underpass at Salem St., Randolph Twp., Morris Co.	97
Rt. 15:		
Sec. 1	Burnt Meadow Brook Bridge, Rockaway & Wharton, Morris Co.	86
Rt. 17:		
Sec. 3	Underpass at Century Road, Paramus, Bergen Co.	96
Rt. 18:		
Sec. 2	2 Overpasses, 2 Walls, New Brunswick, Middlesex Co.	94
Sec. 5	Overpass at Rt. US9, Madison Twp., Middlesex Co.	42
Rt. 20:		
Sec. 4A	U.P. at Ramp B, Paterson, Passaic Co.	0
Rt. 21:		
Sec. 1C	14 Structures, Nutley & Clifton, Essex & Passaic Cos.	45
Rt. US22, Sec. 13A 4, Sec. 2A US46, Sec. 15A	4 Pedestrian Overpasses, 1 Stairs - Boros of Mountainside, Paramas, Hasbrouck Hhts., Union and Bergen Cos.	89
Rt.28:		
Sec.1A&7A	LVRR Bridge at Westfield Ave., Roselle Park, Union Co.	0
Rt. US30:		
Sec. 14A	2 Pedestrian O.P. at 16th St. & Rodman Ave., Camden & Pennsauken Twp., Camden Co.	0

Three Bridges - Twps. of Pennsauken, Cinnaminson, Camden & Burlington Cos. 25

Bridge over Swedes Run, Burlington Co. 106

Mullica River Bridge (Removal) - Bass River Twp. and Port Republic City, Burlington & Atlantic Cos.

- Bridgewater Twp., Somerset Co. 45
- Franklin-Piscataway Twps., Somer-Middlesex Co. 70

MONTHLY DIVISIONAL REPORT — Month of June, 1960

Division: Bridge

Bureau: Bridges under Construction — Sheet 3 of 3

		% OF COMPLETION
Rt. 295:		
Sec. 1C	Nine Structures, Deptford & Westville, Camden-Gloucester Cos.	94
Sec. 1D	Four Structures - Boro Westville, Twps., Deptford & W. Deptford, Camden-Gloucester Cos.	60
Rt. US322:		
Sec. 1	Widening 6 Bridges - Hamilton Twp., Atlantic Co.	100

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of June 19 60

Division: Bridge

Bureau: Design Section

% OF COMPLETION

Rt. 1A&9Truck: Pulaski Skyway - Drainage:
Plans being prepared.

Rt. US1: Sec. P Underpass at Woodbridge Avenue:
Plans being prepared.

Rt. 3: Sec. Hackensack River Bridge (Redecking):
Plans being prepared.

Rt. 3: Hackensack River Bridge:
Plans being prepared by Hardesty & Hanover.

Rt. 4: Sec. 4 Pedestrian Bridge at Grand Ave.
Plans being prepared.

Rt. 10: Sec. 7 Canoe Brook Bridge:
Plans being prepared.

Rt. 13: Sec. 1 Lovelandtown Bridge Extension:
Plans being prepared.

Rt. 17: Sec. 7 Underpass at East Ridgewood Ave.:
Plans being prepared.

Rt. 18: Sec. S.B. Bridge over Raritan River R.R.:
Plans being prepared.

RT.US22: Sec. Liberty Ave. Viaduct Widening:
Plans being prepared.

Rt. US22: Sec. U.P. at Relocated Mountain Ave.:
Plans being prepared.

Rt. 28: Sec. Bridges over Green Brook and Bound Brook:
Plans being prepared.

Rt. 35: Sec. 12C Repairs to Victory Bridge Fenders:
Bids received 6/1/60. Awarded to Allen N. Spooner & Son, Inc., low bidder 6/8/60.

Rt. 36: Sed. 3A Shrewsbury River Bridge (Redecking):
Bids received 6/1/60. Awarded to Hughes Steel Erection Co., low bidder, 6/12/60.

Rt. 36: Shrewsbury River Bridge (Redecking):
Sec. 3A Bids received 6/1/60. Awarded to Hughes Steel Erection Co., low bidder, 6/12/60.

Rt. 40: Game Creek Bridge:
Sec. 2A Plans prepared by Clarke & Hartman. Sent to B.P.R. for approval.

Rt. 46: Pedestrian O.P. at Washington Terrace:
Sec. 3A Plans being prepared.

Rt. 47: Menantico Creek Bridge (Redecking):
Sec. 8A&9A Bids received 6/1/60. Awarded to Hughes Steel Erection Co., low bidder, 6/12/60.

Rt. 49: Alloways Creek Bridge (Redecking):
Sec.3A-4A Bids received 6/1/60. Awarded to Hughes Steel Election Co., low bidder, 6/12/60

Rt. 54: Culvert at Station 616/88:
Sec. 1A-2A & 3A Plans being prepared.

Rt. 78: Six Bridges:
Sec. 2G Reviewing plans prepared by Parsons, Brinckerhoff, Quade & Douglas.

Rt. 78: 14 Bridges:
Sec. 4 Reviewing plans prepared by DeLeuw, Cather & Brill.

Rt. 80: Bergen-Passaic Expressway:
Sec. 4 Reviewing plans prepared by Fay, Spofford & Thorndike.

Rt.
Rt. 80: Bergen-Passaic Expressway:
Sec. 5 Reviewing plans prepared by Parsons, Brinckerhoff, Quade & Douglas.

Rt. 80: Four Bridges:
Sec. 2J Reviewing plans prepared by Louis Berger & Associates.

Rt. 80&: Interchange:
95, Sec Plans being prepared by Parsons, Brinckerhoff, Quade &/Douglas.

Rt. 95: Bergen-Passaic Expressway:
Sec. 1 Reviewing plans prepared by Parsons, Brinckerhoff, Quade & Douglas.

Rt. 95: 2 O.P. at Broad Ave. & Grand Ave. & Flat Rock Brook Culvert & Flume:
Sec. 1D Bids received 6/9/60. Awarded to Mal-Bros Bros. 6/30/60.

Rt. 130 Big Timber Creek Bridge (Redecking)

//

Preparing plans prepared by Sherman, Taylor & Sleeper.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of June, 19 60

Division: Maintenance and Operations

Bureau: Electrical Operations

FEDERAL AID INTERSTATE ROUTES

Lighting plans, specifications and estimates: Bergen-Passaic Expressway, I-80-4, West of Parkway, 66%, Fay, Spofford & Thorndike; Bergen-Passaic Expressway, Garden State Parkway to George Washington Bridge, Rt. I-80 & Rt. I-95, 35%, Parsons, Brinckerhoff, Quade & Douglas; Rt. 295-Rt. I-80S to Rt. US130, 75% complete, Electrical Bureau. Contract awarded, electrical installations, Rt.295 Copley Rd.-Rt. I-80S. Conduit, wiring and lighting layouts furnished Bridge Division, 3 overpasses, Rt. 80; 2 overpasses, Rt. 287 & 3 underpasses, Rt. 287. Roadway plans reviewed for electrical conduit and junction box requirements, 4 locations.

MAINTENANCE AND OPERATIONS

33 bridges in full time operation, 5 on 24 hr. notice. Routine mechanical and electrical maintenance, all movable bridges, 991 traffic signals, 5 lane control systems, 887 illuminated signs. Replacing highway lighting, traffic signals, sign equipment, bridge warning gates, damaged by traffic. Emergency repairs, Rt.US46 Hackensack River Bridge. Continuing mechanical repairs, Rt.US30 Cooper River Bridge.

CONSTRUCTION

14 traffic signals under construction, 6 completed. 6 of 19 traffic signal revisions completed. Installing warning gates, Rt. 52 Ship Channel Bridge, Somers Point. Eatontown Circle signal installation completed.

DESIGN AND INSPECTION

4 surveys, drawings prepared for Bureau of Planning & Traffic. Underground structures for electrical systems in roadway contracts, 11 designed and estimated. Conduit, wiring and lighting layouts furnished Bridge Division, 1 overpass, Rt.17. Roadway plans reviewed for electrical conduit and junction box requirements, 2 locations. Contract plans being prepared, Rt. 129, Sec. 1, Scudders Falls Bridge Approach. Inspection, 26 PUO relocations, 31 road construction projects, 5 FAS projects, 1 prime electrical contract.

NEGOTIATIONS

5 traffic signals under negotiation, 4 completed. 11 field inspections with contacts with local officials. Contract awarded, Rt. US1&9, Sec. 4A, Elizabeth, Underground Structures for Lighting System.

CLAIMS

Payments of claims in the amount of $15,577.58 received, 16 claims set up totaling $3,817.60, all result of property damage accidents. 26 work orders set up resulting in claims, totaling $7,977.00, 23 result of property damage accidents.

MISCELLANEOUS

Maintenance of 237 mobile radio units, 10 base stations. Completed transfer of units from snow equipment. Installed electric service, spray booth, Bldg. #21 and 3 phase service, Bldg. #7, Fernwood; service and wiring, 1 maintenance yard.

Moon of June,

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MONTHLY DIVISIONAL REPORT Month of **June** 1960

Division: **Maintenance and Operations**

Bureau: **Maintenance**

LANDSCAPE SECTION

Aside from overtime work made necessary by storm damage and tree removal work required in connection with the Route 35-36 traffic circle revision at Eatontown, all work consisted of routine landscape maintenance.

MATERIALS SECTION

Requisitions prepared covering the purchase of abrasives and chlorides for the 1960-1961 winter season. Bids received on June 21 for another resurfacing and surface treatment program scheduled to get under way sometime during the latter part of July.

CONSTRUCTION AND MAJOR MAINTENANCE PROJECTS

Completed miscellaneous construction projects totaling approximately $87,350.00, including Route 35-36 traffic circle revision at Eatontown, island revision at Ship Bottom, and drainage improvements at Paterson Plank Road, Route 23 at Lake Tamatack, and Route 130 at Carney's Point, and institutional construction projects totaling approximately $80,400.00, including paving at Leonardo Marina, Ancora State Hospital and Greystone Park, and the construction of parking areas at Totowa Training School, School for the Deaf and Greystone Park. Completed resurfacing work on one section of highway in District 1 and one section in District 3, and surface treatment work on 5 sections in District 2, 14 sections in District 4, and 15 sections in District 6.

BRIDGE SECTION

Completed expansion joint and fence repairs at Raritan River Bridge on Route 35 at Perth Amboy, deck repairs at Cape May Canal Bridge, balustrade repairs at Shark River Bridge at Belmar, washout repairs at Raccoon Creek Bridge on Route 45 and abutment repairs at Woodbury Creek Bridge on Route 45. Diver completed inspection of bridge piers at Matawan Creek on Route 35 at Keyport, Shrewsbury River on Route 36 at Highlands, and Inland Waterway Canal on Routes 13 and 88. J.I.Hass Company, Inc. has completed approximately 35% of the work under its contract for painting the remaining portion of the Pulaski Skyway, Roseland Painting and Decorating Company approximately 60% of the work under its contract for painting the Edison Bridge on Route 9 and approximately 70% of the work under its contract for painting the bridges over the Shrewsbury River on Route 36 and the Cheesequake Creek on Route 35, and Nicholas Brothers completed all work under its contract for painting the Inside Thorofare Bridge on Route 40 at Atlantic City. Department forces completed painting work on the Route 58 overpass of Route 21 at Newark, Paulins Kill Bridge on Route 206 at Ross' Corner, South Street Overpass on Route 1 at Newark, Lincoln Avenue Overpass on Route 208 and Franklin Turnpike Overpass on Route 17.

Operations and Operations

Maintenance

LAKESHORE DIVISION

Route 2 was resurfaced with asphalt from Cleveland to Lorain. Work was completed on the Lorain-Avon Lake section on June 30. Traffic was maintained on Route 2 during construction.

MAINTENANCE DIVISION

Maintenance crews repaired the concrete on Route 21 over the Cuyahoga River and completed painting the steel superstructure. Work started on June 21 and was completed on June 30. Traffic was maintained during construction.

CONSTRUCTION AND MAJOR MAINTENANCE PROJECTS

Contract was awarded to Ohio Bridge Corporation, Columbus, Ohio, for the construction of the Cuyahoga River Bridge on Route 21 at Newark. Bridge will be 1,200 feet long and will have a 150 foot main span. Traffic will be maintained during construction.

Contract was awarded to Ohio Bridge Corporation, Columbus, Ohio, for the construction of the Paulins Kill Bridge on Route 206 at Hope. Bridge will be 1,200 feet long on Route 2 at Newark. Traffic will be maintained during construction.

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PERMITS SECTION

Total of 334 applications processed, including 167 for road openings, 45 for the erection of poles, 85 for entrances and 37 for miscellaneous projects. The encroachment survey has covered Route #69 from Trenton to a point just south of Route #22, and is about three quarters complete as far as field work is concerned.

SIGNS AND TRAFFIC LINES

Erected new type green directionary signs at the Livingston Circle on Route 10, at Routes 10 and 202 at Whippany, Route 68 from Mansfield Square to Fort Dix, Route 23 at Riverdale Circle, Route 22 at Park Avenue, Scotch Plains, Route 46 at River Drive, East Paterson, and at the Denville Control at Routes 46 and 53, and all types of signs on new construction projects on Route 35 at the Eatontown Circle, Route 10 at Walnut Street, Livingston, and on Route 9 at the Cape May Canal Bridge, and approaches and at Ernston Road, Sayreville. Monmouth Park Race Track signs were erected on Routes 33, 34, 35 and 36. Erected Service Connection Notices and passed out Notices Prior to Reconstruction in connection with construction projects on Route 1-9-46, Overpeck Creek to Jones Road, and Route 69, Rocktown to Back Brook.

MAINTENANCE BUILDINGS AND STRUCTURES

Work continued on construction of new maintenance building on Route 130 at Edgewater Park; continued building revisions for Sign Shop at Fernwood and erected new water wall spray booth and associated utilities; design being completed and site work started on construction of new maintenance building on Route 130 at Bridgeport; contract awarded for nine maintenance yard outbuildings; plans started for addition to maintenance building on Route 69 at Flemington; construction started on new maintenance building for Route 3 in North Bergen; design requirements completed and forwarded to Division of Purchase and Property for construction of new Department garage and service building for Route 70 in Delaware Township and preparing property plans and survey for site development; specifications and drawings completed for construction of an emergency generator building for main office; site plans started for new maintenance yard on Route 66 in Ocean Township; bids received on fencing six maintenance yards.

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MONTHLY DIVISIONAL REPORT Month of June 1960

Division: Maintenance & Operation
Bureau: of Plant & Equipment

NEW EQUIPMENT

The following new equipment was received during the month: one Vibro-Pac roller and trailer, four Ford 3/4-ton utility body trucks, two Mobile road sweepers, six International 6-ton dump trucks, eight Chevrolet 2-ton stake body trucks, one Do-all band saw, one Craftsman lathe, one Tallascope scaffold, five Simplex time clocks, two Blackhawk heavy duty mobile lifts, five Blackhawk wheel dollies.

SNOW PLOW SECTION

The following operations were accomplished in this section: rebuilt and painted 20 lift frames, 23 spreader gates and seats; repaired and painted 6 semi-circles, 5 spreaders, 30 lift frames, 25 hydraulic pumps, 5 trip springs. Snow plow and spreader equipment was stripped from 11 trucks to be traded-in. Fifteen new trucks were equipped for snow and ice control operations. Two radiators were steam cleaned.

GENERAL REPAIR SHOPS

Safety lights, tail lights, driving lights were repaired and installed on 68 pieces of equipment. The Carburetor and Ignition Shop completed 43 major and minor operations. The Mower, Carpenter and Tin Shops completed a total of 52 major and minor operations. The Inspection Section was continually active with regular and special assignments including the preparation of new equipment for official inspection. The Machine Shop finished a total of 213 major and minor operations. The following operations were completed in the shops and on the road: Equipment Operations, a total of 56 major and minor repairs; Heavy Equipment Shop, 17 major and minor repairs; Diesel Shop 27 major and minor repairs.

BUILDING MAINTENANCE SECTION

The Building Maintenance Section completed the following operations throughout the State:

Fernwood Service Station: In Bldg. #21, finished painting and remodeling office, assembled and installed new paint spray booth, repaired motors on blower unit and motor on bench saw. Painted floors in Men's and Ladies rest rooms; also floor in Snack Bar, Bldg. #1.

Avenel Garage:	Remodeled Men's room, installed rubber tile floor. Erected building to house new generator.
Branchville Garage:	Laid concrete floor and footing in building addition and new concrete floor in main building.
Clinton Point Garage:	Repaired automatic water feeder and cut-off. Installed rubber tile floor in office, men's room and shower room. Cleaned boiler and tubes, serviced boiler, burner and controls.
Jersey City Maintenance Yard:	Installed heating unit ducts.
Hammonton Garage:	Began work on new boiler room and gas house.
Newark Garage:	Serviced burner and controls, cleaned boiler and tubes, also hot water tank.
Metuchen Field Office:	Installed two air conditioners. Cleaned all sewer lines.
Toms River Garage:	Repaired heater relay switch, serviced all blower units.
Vineland Garage:	Cleaned boiler and flues, serviced all blower units, controls and burner. Heater readied for inspection and for the coming winter season.

Serviced and cleaned boilers, tubes, burners and controls in the following buildings: Dover Garage, Netcong Garage, Metuchen Field Office, Metuchen Maintenance yard and Flemington Maintenance Yard.

General maintenance work was performed consisting of replacing broken window panes, patching wooden block floors and repairs to roofs.

CLAIMS

A total of $703.78 was collected during the month on insurance claims.

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MONTHLY DIVISIONAL REPORT Month of June 1960

Division: PERSONNEL
Bureau:

U. S. SAVINGS BOND DRIVE

As a result of the drive, 40 more employees have signified their interest in bond deductions and 15 have increased their present deduction.

CRUSADE FOR FREEDOM DRIVE

A collection of $123.56 was made for this one-day drive.

CHILEAN RELIEF EMERGENCY COLLECTION

Over $1,500.00 was contributed by State employees for this worthy cause, of which $134.72 was collected from the Highway Department.

RECRUITMENT AND TRAINING

Fifteen young men were added to the Department's engineering forces during this month. Including seven who were hired in February, this brings to 22 the number of Assistant Engineers hired directly through our campus recruitment efforts during 1960.

To review our recruitment efforts, 18 campus visits were made. On these occasions 110 prospects were interviewed. Formal applications indicating preliminary interest were returned by 68 prospects and, on invitation, 43 visited the Trenton Office for follow-up interviews and to become better acquainted with the Department and its employment opportunities. Following these visits, definite offers of employment were made to 37 men, resulting in 23 acceptances - 7 in February, 15 in June and 1 scheduled for September. Graduates from the following colleges and universities are involved:

City College of New York	4
Rutgers University	3
Newark College of Engineer.	2
Lafayette College	2
Stevens Inst. of Technology	2
Indiana Tech.	2
Lehigh University	1
University of Pennsylvania	1
Bucknell University	1
Manhattan College	1
Rensselaer Tech.	1
University of Delaware	1
Bradford Durfee Tech.	1
Kansas State	1
	23

...ive, 40 more employees have completed their interest
... and 15 have increased their present deduction.

...

...r $1,500.00 was contributed by State employees for this worthy cause,
...ion 913. 72 was collected from the Highway Department.

...

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... the Department and its employment opportunities. Following
..., definite offers of employment were made to 37 men, resulting
...ptances - 7 in February, 15 in June and 1 scheduled for September.
... the following colleges and universities are involved:

City College of New York	
Rutgers University	2
Stevens Inst. of Technology	2
Bucknell University	1
University of Pennsylvania	1
	1
	1
	1
	1
	1
	1

IN REPLY PLEASE REFER TO

Monthly Report
Division of Planning,
Research, Soils
and Tests.

State of New Jersey

STATE HIGHWAY DEPARTMENT

DWIGHT R. G. PALMER, COMMISSIONER
TRENTON 25

July 1st,1960

Commissioner Dwight R. G. Palmer:

Herewith are submitted the reports of this Division for the Month of June 1960.

Planning & Traffic
Harry A. Hartmann
Assistant Supervising Engineer

Engineering Research
William VanBreemen
Research Engineer

Soils
Keith Rosser, Jr.,
Assistant District Engineer

Testing Laboratory
J. C. Reed
Supervising Engineer

Howard N. Rigby

Howard N. Rigby
Director and Chief Engineer
Division Planning, Research, Soils & Tests

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MONTHLY DIVISIONAL REPORT Month of **June** 19 60

Division: **Planning, Research, Soils and Tests**
Bureau: **Planning and Traffic**

HIGHWAY USE SURVEY SECTION

Field

The regular programmed machine and manual count was curtailed due to assignment of men and traffic counting machines to the Penn-Jersey Transportation Survey.

Office

Because of the diversion of qualified personnel to prepare schedules, etc. for loadometer and other special surveys, the normal functions of processing and reviewing field counts have been severely curtailed. We are also unable to start work on the 1959 traffic volume map for the same reason.

Special Surveys

Work continues on the Inventory of Urban Planning and the Penn-Jersey Transportation Survey.

TRAFFIC DESIGN AND RESEARCH SECTION

During this period, the major category of work for this section was forecasting and analysis of traffic volumes for the Title 23, Section 104(b) (5) Revised Interstate Cost Estimates. Some basic analytical reserach was also carried out in traffic signal synchronization.

HIGHWAY TRAFFIC OPERATIONS SECTION

During this period, the Highway Traffic Operations Section has received, investigated and processed requests for the installation, revamping, retiming and operation of traffic signals; has received and processed miscellaneous traffic investigations and has checked the timing and operation of signalized intersections.

TRAFFIC SAFETY, CONTROL AND REGULATION SECTION

The assignments under way in this section consisted of radar speed meter surveys for speed zone studies, laying out andprocessing "no parking" regulations; making traffic investigations and parking studies; preparing and processing other traffic regulations and coordinating departmental review of riparian rights.

HIGHWAY PLANNING SURVEY SECTION

Road Inventory

Field work has been suspended due to lack of personnel. Reassignment of personnel to projects with higher priority was necessary.

The regular programmed meeting and annual count was curtailed due to meeting-
ment of new bus traffic counting problems in the Penn-Jersey Transportation Survey.

Diversion of the diversion of qualified personnel to prepare schedules, etc.
for [illegible] and other special surveys, the normal functions of processing and
[illegible] have been severely curtailed. It is also costly in effort
[illegible] for the large traffic volume map for the next decade.

[illegible] are continued on the Inventory of Urban Planning and the Penn-Jersey
[illegible] Survey.

During this period, the major category of work for this section was ferre-
[illegible] of traffic volumes for the Title 23, Section 104(b) (5) Revised
[illegible] Some basic analytical research was also carried out in
[illegible] section.

During this period, the Highway Traffic Counting Section [illegible]
[illegible] requests for the installation, revamping, retiming and
[illegible] of traffic signals; has received and processed miscellaneous traffic
[illegible] from the general [illegible] of elevated [illegible]

In this section consisted of radar speed meter
[illegible]. Laying out and processing "no parking" regulations;
[illegible] and parking counter; preparing and processing other
[illegible] for the Traffic Engineering department review of Cigarian rights.

[illegible] Inventory

[illegible] has been engaged [illegible] of personnel. [illegible]
[illegible] to acquire site under priority [illegible].

MONTHLY DIVISIONAL REPORT Month of June 19 60

Division: Planning, Research, Soils and Tests
Bureau: Planning and Traffic

Annual Mileage Reports

Annual Statistical Mileage Reports have been coded, punched on I.B.M. cards and tabulated. The data is now being transferred to forms for submittal to the Bureau of Public Roads.

Road Life Studies

Posting of 1959 projects is now under way. 1960 construction, which is 95% or more complete, is now being analyzed and processed for our Road Life Records.

Mapping

The General Highway Series Base Maps are being revised and urban enlargements are being drafted. Strip maps and forms for the Interstate Cost Estimates are being prepared by our drafting personnel.

PENN-JERSEY TRANSPORTATION STUDY

Field Work - External Survey (O. & D.)

One party chief, one assistant party chief and eight interviewers are collecting data on the external cordon line. This phase of work is being supervised by Planning and Traffic personnel.

Field Work - Land Use

Four field offices are in operation on this phase of work in New Jersey. Under the supervision of the District Chiefs, land use studies are being made. At the same time, lists of homes and apartments within the survey area are being prepared. From these lists, sample dwellings are being selected for the interviewing operation. The listing is 80% complete. Interviews are now being conducted in the field.

Committee Meetings

June 3, 1960 - Technical Committee, attended by Mr. J. P. Severns.

June 10, 1960 - Policy Committee, attended by Mr. H. A. Hartmann and Mr. V. C. Berberich.

June 29, 1960 - Technical Committee, attended by Mr. J. P. Severns.

Testing of 1959 projects is now under way. 1960 construction, which is

The General Highway Service Zone Maps are being revised and urban enlarge-
by our drafting personnel.

The survey crew, one assistant party chief and eight interviewers are col-
lecting data on the proposed cordon line. This phase of work is being supervised
personnel.

Five traffic counters are in operation on this phase of work in New Jersey.
of the District Office, land use studies are being made. At
this time, three of these apartments within the survey area are being
. Five hundred dwelling units are being selected for the interview-
. The listing of 808 complete. Interviews are now being conducted
in the field.

- Policy Committee, attended by Mr. H. A. Hartmann and Mr.

- Technical Committee, attended by Mr. T. P. Severns.

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MONTHLY DIVISIONAL REPORT Month of **June** 19 60

Division: **Planning, Research, Soils and Tests**
Bureau: **Planning and Traffic**

LOADOMETER

The Loadometer Tables for 1959 have been computed and are now being typed for submittal to the Bureau of Public Roads.

Temporary employees for the 1960 Loadometer Study field work have been hired. Two parties have been organized; one for North Jersey and one for South Jersey.

TITLE 23, SECTION 104(b)(5) INTERSTATE COST ESTIMATES

Final Cost Estimates being prepared by the field groups are being received by the central office as per schedule set up for completion. Strip maps are being prepared showing by legend the proposed locations of alignment, interchanges and section breaks for this study.

Traffic data is being worked on by the Research Section for the entire Interstate System.

Right-of-Way estimates for use in the study have been prepared by the Right-of-Way Division and have been received for 60% of the routes.

Final table preparation is now under way. Coding of section data was started during this period.

ADDITIONAL STUDIES

Northeastern Metropolitan Area Study

On June 7, 1960, Mr. V. C. Berberich attended a meeting of the Hudson County Board of Freeholders to present the plans for the Study and to find out to what extent Hudson County was interested in proceeding with the Study. The reactions were favorable and further information on the plans and procedures was requested.

On June 22, 1960, Mr. H. A. Hartmann and Mr. V. C. Berberich attended a meeting of the Bergen County Board of Freeholders to present the plans for the Study to find out to what extent Bergen County was interested in the Study. The reactions here were also favorable and additional information on the outline of the study was requested.

Newark Area Study

The agreement to conduct a Transportation Study for the City of Newark has been sent to the consulting firm of Edwards and Kelcey, and DeLeuw, Cather & Company. As soon as this agreement is signed and returned, it will be presented for action by the Commissioner.

In the meantime, the consultants are proceeding with the external interviews in the Newark area.

Planning Director, Bill Van Tuyl.

Planning and Traffic

Engineering

The Engineering Staffs for City have been completed and are being kept
busy as usual in the Bureau of Public Works.

Survey employees for the 1960 Lansdowne Study field work have been hired.
The personnel have completed the Depth Survey and are now doing Topo-
graphy.

Field Cost Estimates being prepared by the field groups are being received
in the central office as per schedule set up for completion. Strip maps are being
prepared showing by legend the proposed locations of alignment, interchanges and
outline areas for this study.

Traffic data is being worked on by the Research Section for the entire
Lansdowne Region.

Right-of-Way estimates for use in the study have been prepared by the
Right-of-Way Division and have been received for 60% of the routes.

Soil Boring investigation is now under way. Coding of section data was
started previous week ending.

Public Relations

Meeting with Officials from Other Cities

On June 7, 1960, Mr. V. C. Berberich attended a meeting of the Tudson County
Board of Freeholders to present the plans for the Study and to find out to what
extent Tudson County was interested in proceeding with the Study. The reactions
were favorably and further information on the plans and procedures was requested.

On June 22, 1960, Mr. H. A. Hertmann and Mr. V. C. Berberich attended a meet-
ing of the Tudson County Board of Freeholders to present the plans for the Study
in that area. Tudson County was interested in the Study. The reactions
were favorable and additional information on the outline of the study
were requested.

Miscellaneous

The assessment is complete in "Transportation Study for the City of Lansdowne
Area" in the Planning Firm of Schuyler and Talley, and Salem, Inc. Study.
Report is now in the process of signed and delivered. It will be presented for action by
the Commissioners.

In the meeting, the Consultants are proceeding with the proposed interviews
in the Tudson area.

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MONTHLY DIVISIONAL REPORT Month of June 19 60

Division: Planning, Research, Soils and Tests
Bureau: Engineering Research

PAVEMENTS

Took joint-faulting measurements in the outside northbound lane of Route 1, Elizabeth to Pulaski Skyway. This lane, constructed in 1946 and 1948, carries exceptionally heavy truck traffic. Appreciable faulting has occurred at many of the joints with ordinary hot-rolled steel dowels, and a small amount of faulting has occurred at some of the joints with stainless-clad dowels. The indications are that under conditions of extremely heavy truck traffic, as in this instance, it may be advisable to install a somewhat huskier load-transfer device than our present standard.

In connection with proposed pavement rehabilitation, made inspection of trolley area on Route 7, Belleville, and reported verbally to Messrs. Fritzsche and Rigby on conditions noted.

Took close-interval cross-sections in numerous locations on experimental flexible pavements on Route 130, vicinity of Deans, to determine degree of rutting and extent of future settlements. A major objective of this work is to determine whether pavements of this type ever reach a state of complete stability. Also plotted the cross-sections taken.

Took gauge-plug measurements and made limited condition survey of plain concrete pavements constructed in 1941 and 1942 on Fort Dix Access Roads. This survey, which will be extended, showed that restraint cracking has now occurred at a number of the contraction joints.

Completed gauge-plug and as-constructed faulting measurements in connection with new plain concrete pavement on Haddon Ave., Collingswood.

Collaborated with Soils Bureau regarding pavement recommendations for, (a) pavement widening, Route 22, Liberty Ave., Union, and (b) Intersection of Routes 17 and FAI 80.

BRIDGES

Took measurements on the following bridges: (a) Inland Waterway, Lovelandtown, (b) Inland Waterway, Route 88, (c) Manasquan River, Route 35, (d) Shark River, Route 35, (e) Cheesequake Creek, Route 35, (f) Passaic River, Route 3, (g) Liberty Ave., Route 22, (h) Beach Thorofare, Route 30, and (i) bridge over P.R.R., Folsom. Expansion difficulties have been experienced with these bridges. Also installed additional measuring points in several of the above bridges, for use in connection with new 400-foot invar tape. In view of recent reconstruction, installed additional measuring points, and prepared new layout, in connection with bridge over Shark River, Route 35.

[illegible] in the original publication [illegible]. This time, however, the [illegible] will be [illegible] to the [illegible] of the [illegible] and [illegible] the [illegible] of the [illegible] and [illegible] the [illegible] of the [illegible] and [illegible]

In collaboration with Bridge Division, and with assistance of Maintenance Bureau, made investigations to determine the condition of the concrete decks (surfaced with bituminous material) on the following bridges: (a) Liberty Ave., Route 22, Union, (b) Meeker Ave., Route 22, Newark, (c) Waverly Yards, Route 22, Newark, (d) D.L.&W. R.R., Route 7, and (e) Fletcher Ave., Fort Lee. This work involved removal of the bituminous surfacing in various locations, and noting and photographing the conditions found. Varying degrees of disintegration, ranging from minor to very serious, were found in connection with all of these bridges.

Inspected and photographed deck of bridge constructed in 1948 on Route 1, 1/4 mile north of Newark Airport, in northbound roadway. Numerous pop-outs have occurred, owing to rusting of the reinforcing steel.

MISCELLANEOUS

Arranged for demonstration of new photographic techniques developed by Aero Service Company, Philadelphia.

Representative of Bureau spent several days in field accompanied, at various times, by (a) F. N. Wray, Highway Research Board (b) C. E. Vogelgesang, Chief Engineer, Indiana State Highway Department, and (c) representatives of Bureau of Public Roads, in connection with inspection of pavements, bridges and experimental projects in New Jersey.

Representative of Bureau spent one week with trainees assigned to Bureau.

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MONTHLY DIVISIONAL REPORT Month of June 1960

Division: Planning, Research, Soils and Tests

Bureau: Soils and Subdrainage

CONSTRUCTION

Brann and Stuart, the contractor building FAI Route 295 Section 1C, has dredged out all but approximately 60,000 yards of the Zone 2 material which they had originally pumped into the wet excavated area on this project and which was shown by our borings to fall short of complying with our specification requirements. The remaining material lies in the deepest part of the excavation. It was felt by the contractor to be good, gravelly material in spite of the fact that the borings show layers of granular soil a foot or two thick interspersed with layers of clayey silt several feet thick.

At the request of Brann and Stuart, Mr. Rosser visited the site on June 24, 1960 to watch the contractor recover a sample of the bottom by means of a clam-shell bucket. Twelve bucketfuls were retrieved from the bottom through some thirty feet of water. In order to convince the contractor that the best of the material would still fail, Mr. Rosser suggested that the contractor himself select the most granular soil from each bucketful and make one composite sample to be tested in our field laboratory. The sample was split into three parts and each part was sieved. Two of the parts contained 21% passing the #200 sieve and the third part 26%. Our specification requires 0 to 5% passing the #200 sieve. The position of the Soils Bureau remains that even though there are some thin layers of compact sand, the majority of the remaining material is compressible clayey silt.

A disagreement has existed on FAI Route 80 Section 2C between the contractor, George M. Brewster, and the State, since cross sections were taken of the wet excavation area between stations 664+00 and 674+50. Immediately following the placement of the Zone 2 refill, the contractor made his own borings in order to verify his claim concerning the cross sections.

After the Zone 3 embankment, consisting largely of rock fill, had been constructed over the Zone 2 refill, the Soils Bureau was asked to make borings for the State's information.

Four locations were chosen in the proximity of earlier exploration borings for design so that the material in the original firm bottom could be compared with that encountered in the new holes. This was necessary in order to show a clear picture of the original condition in relation to the disputed depth of wet excavation as well as the present change from Zone 2 to firm bottom. Borings were made by continuous diamond-bit coring with a telescoping type casing to get through the rocky embankment and by sampling continuously with a standard S. & H. split-spoon sampler as critical depths were approached.

The results of the first two borings check our original exploration borings and verify the claimed depths of the Brewster Company rather closely. The third boring shows the change from Zone 2 material to firm bottom to be three feet below the firm bottom as indicated by our original exploration borings and nine feet above the depth being claimed by the contractor. At the fourth location our boring and a subsequent check boring both fail to show conclusively the elevation at which the change in materials takes place.

The opinion of this bureau, as expressed to the Supervising Engineer of Construction, concludes that, although time consuming and expensive, borings made through the rocky embankment at a limited number of locations of greatest

and Mount, the contractor building F-1 Route 295 Section 12, has all but approximately 60,000 yards of the zone 2 material which originally topped this wet excavated area on this project and shown by our borings to fall short of complying with our specification. The remaining material lies in the deepest part of this excavation. It by the contractor to be good, fairly material in spite of the fact borings show layers of granular soil a foot or two thick interspersed of clayey silt several feet thick.

At the request of Brown and Mount, Mr. Mosser visited the site on June 24, to watch the contractor recover a sample of the bottom by means of a clamshell bucket. Twelve buckets were retrieved from the bottom through some feet of water. In order to convince the contractor that the best of the would still fail, Mr. Mosser advised that the contractor himself the most granular soil from each bucketful and make one composite sample tested in our field laboratory. The sample was split into three parts and was sieved. Two of the parts contained 21% passing the #200 sieve and part 20%. Our specification requires 0 to 5% passing the #200 sieve.

A disagreement has existed on Rte Route 80 Section 20 between the contractor, Morse M. Brewster, and the State, since cross sections were taken of the wet excavation area between stations 634+00 and 674+50. Immediately following this claim concerning the cross sections.

After the done 3 embankment, consisting largely of rock fill, had been constructed over the zone 2 refill, the Soils Bureau was asked to make borings for the State's information.

Four locations were chosen in the proximity of earlier explorations borings to disturb so much the material in the original film bottom could be compared with that encountered in the new holes. This was necessary in order to show a proper picture of the original condition in relation to the disputed depth of wet excavation as well as the process change from Zone 2 to film bottom. Borings were made by contractors diamond-bit coring with a telescoping type casing to get through the rocky embankment and by mauling continuously with a standard 2 ft. 6 ft. 6-spoon sampler as critical depths were approached.

The results of the first two borings check our original exploration borings verify the claimed depths of the Brewster Company rather closely. The third shows the change from Zone 2 material to film bottom to be three feet below the film bottom as indicated by our original exploration borings and nine above the depth being claimed by the contractor. At the fourth location ing and a subsequent check boring both fail to show conclusively the at which the change in materials takes place.

The Bureau, as expressed to the supervising Engineer of as that, although time consuming and expensive, borings embankment at a limited number of locations of greatest

discrepancy would be a feasible method of arriving at a compromise which we feel would probably best serve the States interests.

ENGINEERING

The Bureau of Public Roads has recently been requesting that samples in addition to those required by the State be taken by our field forces and tested in the presence of one of its own men as well as requesting that certain test data be sent to them directly.

These requests are being complied with in so far as we are presently capable of so doing. It is feared, however, that should many additional tests be required which we have not programmed the man power to perform, the time will come when a meeting with the Bureau should be held in order to arrive at a standard procedure to enable us to perform our functions more efficiently.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of June 19 60

Division: Planning, Research, Soils & Tests

Bureau: Testing and Materials

NEW MATERIALS

An improved cylinder mold for field use - plastic lined and readily removed - has been under test. Immersion-compression series run on Mineral Filler from the Dragon Cement Co., also recovery of asphalt run from this series.

MATERIALS' DEVELOPMENT

Marshall tests were performed on four gravel and one quarry process stone for use in Bituminous Stabilized Base work. A sand asphalt mixture using OA-4 and SC-1 compounded to determine curing time. White curb mixes under test for comparative 7 and 28-day strengths. Curing methods also being considered with a comparison of standard moist curing with air exposure and white pigmented curing compound treatments - Laboratory Investigation 1960-7. For purposes of classification and study of plant facilities, seven aggregate producers for the State were visited - reserves were estimated and tests made on current production. Five geological analyses made on gravel samples and four gravel sources were surveyed in connection with Laboratory Investigation 1960-3. A sample of bank run gravel was tested using fly-ash as the additional material rather than limestone dust - plasticity index acceptable.

PERFORMANCE TESTING AND INSPECTION

Plastic water stop tested from Rt. 35 Sec. 12-B. Tests completed on two cement samples from the National Bureau of Standards Cooperative Testing. The thirteenth monthly evaluation of Experimental Traffic Paint Test Lines, in cooperation with several agencies, made at Kresson and Atco. Results of the second test series (1958-1959) of Experimental Traffic Paint Test Lines, in cooperation with the Hercules Powder Co., applied at the Elm, N.J., test site, have been published in the June 1960 issue of the Official Digest published monthly by the Federation of Societies for Paint Technology. Cement testing equipment inspected by the Cement Reference Laboratory. Requests received for inspection and approval of four concrete batching plants and one concrete sand plant. Inspection made on one project prior to the release of the Maintenance Bond. Three asphalt plants re-inspected to determine their compliance with the specifications.

PERSONNEL

Three Assistant Engineers, Highway (Trainees) were given intensive training course. Five employees - one permanent and four summer help - were assigned to the Non-Bituminous Field Inspection Section. One employee in the Bituminous Testing Section terminated his employment.

MEETINGS

Laboratory was represented at the Highway Research Board Ad Hoc Committee meetings on Asphalt Research in San Francisco; and the A.S.T.M. Meetings in Atlantic City. Representatives of concrete pipe manufacturers and the Highway Department met at the Laboratory for the purpose of discussing the Proposed Revision for Reinforced Concrete Pipe.

SAMPLES RECEIVED

During this month, 2886 samples were received for test as compared with 3247 samples received for the corresponding month of 1959.

JCR/AM 6-30-60

has been under test. Immersion-compression series run on Mineral Filler from

Marshall tests were performed on four gravel and one quarry process stone for use in Bituminous Stabilized Base work. A sand asphalt mixture using 0.4 and 80-1 compounded to determine curing time. White curb mixes under test for comparative 7 and 28-day strengths. Curing methods also being considered with a comparison of standard moist curing with air exposure and white pigmented

classification and study of plant facilities, seven aggregate producers for the State were visited - reserves were estimated and tests made on current production. Five geological analyses made on gravel samples and four gravel sources were surveyed in connection with Laboratory Investigation 1800-3. A sample of bank run gravel was tested using fly-ash as the additional material rather than limestone dust - plasticity index acceptable.

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Laboratory was represented at the Highway Research Board Ad Hoc Committee

Meetings on Asphalt Research in San Francisco; and the A.S.T.M. Meetings in Atlantic City. Representatives of concrete pipe manufacturers and the High-

During this month, 2880 samples were received for test as compared with samples received for the corresponding month of 1953.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of June 19 60

Division: RIGHT OF WAY ACQUISITION & TITLES

Bureau: Appraisals & Negotiations

The Division of Roads transmitted agreement forms covering 513 parcels, of which 17 were revisions.

GENERAL PROPERTY PARCEL MAPS

4 General Property Parcel Maps were approved as follows:

Route 17 (1953), Sec. 5	Ridgewood Avenue to Allendale Avenue. One sheet showing Broomar property. Negotiations authorized, set up $50,000.
Route 29 (1953), Sec. 15	From Scudders Falls to City Line of Trenton. Five sheets approved showing property to be acquired from the City of Trenton. Negotiations authorized, no set up required.
Route U. S. 40 (1953), Sec. 2	From Delaware Memorial Bridge to Route 48. Fourteen sheets approved, negotiations authorized, set up $250,000.
Route 69 Freeway, Sec. 1	Six sheets approved. Negotiations authorized, set up $140,000.

APPRAISALS, NEGOTIATIONS, CONDEMNATIONS, ETC.

A total of 88 items were presented to the Commissioner for action, including:

52 Agreements
13 Condemnations
5 Awards
2 Appeals
1 Delete reference to "E" Projects and "E" Funds, from action dated May 25, 1960
2 Application for Riparian Rights
2 Sales of excess parcels authorized
1 Deed of Conveyance approved
1 Delete parcel. Not to be acquired.
4 Bids for demolition of buildings approved
1 Release for damages approved
2 Buildings sold at public auction
2 Bids for buildings sold at public auction rejected

APPRAISALS FOR OTHER DEPARTMENTS

2 Appraisals were made for other State Departments

1 Institutions and Agencies, property at Vineland, State School

1 Department of Defense, National Guard Amory at Mt. Holly

APPRAISAL ORDERS APPROVED

16 Appraisal Orders were approved with outside fee appraisers for a total of $5,700.

John A. Whitehead

John A. Whitehead

MB:pb

were approved as follows:

Ridgewood Avenue to Allendale Avenue. One sheet showing Broomer property. Negotiations authorized, set up $50,000.

Iron Bounders Path to City Line of Trenton. Five sheets approved showing property to be acquired from the City of Trenton. Negotiations authorized, no set up necessary.

authorized, set up $250,000.

Six sheets approved. Negotiations authorized, set up $140,000.

to the Commissioner for action, including:

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of June 19 60

Division: Right of Way Acquisitions & Titles
Bureau: Legal

I. STATISTICAL

Papers drawn in June

Condemnation

Complaints - 11
Orders to Show Cause - 11
Orders Amending Complaint and
Order to Show Cause - 2
Orders Under R. R. 4:38-1 - 2
Orders of Continuance - 4
Orders for Judgment and Appointing Commissioners - 9
Orders Substituting Commissioners - 2
Orders Extending Time for Filing
Report of Commissioners - 35
Reports of Commissioners - 6
Orders Granting Compensation to Commissioners - 9
Notices of Appeal - 2
Order on Appeal - 1
Notices of Motion - 2
Order Discontinuing Appeal - 1
Order Dismissing Motion To Intervene - 1
Petitions to Pay Condemnation Award Into Court - 2
Orders of Dismissal - 6
Judgments - 1

Miscellaneous

Motion for New Trial - 1
Notices of Dismissal - 2
Answer in Lieu of Prerogative Writ - 1
Judgment in Prerogative Writ Proceeding - 1

Number of Deeds approved - 76
Number of Titles approved - 71

Court Appearances - 45

II. GENERAL ACTIVITIES

Court appearances appointment of condemnation commissioners; various motions; hearings before condemnation commissioners; trials; preparation for court appearances; preparing legal

II. GENERAL ACTIVITIES (Cont'd)

briefs and memoranda; conferences in re same; conferences with various Deputy Attorneys General.

III. INTERDEPARTMENTAL SERVICES

Conferences with department heads with reference to various problems; opinion memoranda for Commissioner Palmer, department heads and employees; approving, disapproving and re-writing various legal papers and documents; recommendations for condemnation or settlement; trial preparation; brief writing and similar services.

IV. MISCELLANEOUS

Attending bidding; seeing that all necessary papers are prepared; dictating all court matters; numerous other matters which arise during the course of the month.

WJM/mmd

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of June 19 60.

Division: Right of Way Acquisition & Titles
Bureau: Title

TITLE SEARCHING

106 searches and 116 continuation searches were completed throughout the State.

TITLE EXAMINING

68 title searches were examined and Reports of Title prepared.

LEGAL INSTRUMENTS

113 Legal instruments were prepared and forwarded to the owners or their attorneys for execution.

CERTIFICATE OF TITLE

71 Certificates of Title were prepared and submitted to the Department of Law for approval.

SETTLEMENTS

81 final settlements were made with property owners.

CONDEMNATIONS

8 Title Memorandums were prepared and forwarded to the Department of Law. 110 condemnation notices were served.

TITLE COMPANIES

12 deeds were delivered through the offices of title companies.

16 checks were delivered to title companies with instructions for settlement with the owners.

Edward H. Drake
Title Officer

Deeds of Title were prepared and submitted to the
for approval.

Memorandums were made with property owners.

Documents were prepared and forwarded to the

Instruments were prepared and forwarded to the owners
for their attorneys for execution.

Deeds were delivered through the offices of title companies.

Deeds were delivered to title companies with instructions
with the owners.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of June 1960

Division: Roads, Location and Design
Bureau: Federal Aid Secondary Administration

PLANS

Checking plans for the following projects:

Haddon Avenue, Camden County, S132(4)
Boonton Turnpike, Morris County, S186(4)

PREPARING SPECIFICATIONS

Mount Holly-Burlington Road, Burlington County, S218(2)

PROJECTS ADVERTISED

Phillipsburg-Belvidere Road, Warren County, S228(3) - (Readvertised)
Bids to be received July 21, 1960
Mt. Holly-Burlington Road, Burlington County, S218(2)-Bids to be received July 13, 1960

BIDS RECEIVED

Ridgedale Avenue, Morris County, S104(4)
Bridgeton-Port Norris Road, Cumberland County, S191(5)
Bridgeton-Millville Road, Cumberland County, S204(3)
Phillipsburg-Belvidere Road, Warren County, S228(3)
North Main Street, Somerset County, S117(5)
East Landis Avenue, Cumberland County, S242(3)

CONTRACTS AWARDED

Ridgedale Avenue, S104(4), Morris County, awarded June 14, 1960
Bridgeton-Port Norris Road, S191(5), Cumberland County, awarded June 21, 1960
Bridgeton-Millville Road, S204(3), Cumberland County, awarded June 21, 1960

PROGRAM

We are preparing a Supplemental Program to include enough projects to take up Federal Funds that will be available for the quarter starting with July 1, 1960.

MISCELLANEOUS

Reviewing plans for proposed construction as requested by various Counties, checking As Built Plans for Final Payments, preparing Final Estimates, etc., on completed projects. Also preparing Final Vouchers on completed projects, making Final Inspections, etc.. Received Final Payment from Federal Government on F. A. S. Projects.

g plans for the following projects:

n Avenue, Camden County, S182(4)

t Holly-Burlington Road, Burlington County, S218(3)

ADVERTISED

llipsburg-Delaware Road, Warren County, S228(3) - (Readvertised)
Bids to be received July 21, 1950

on-Millville Road, Cumberland County, S203(3)
, Somerset County, S117(3)
k Landis Avenue, Cumberland County, S242(3)

Avenue, S104(4), Morris County, awarded June 14, 1950
eton-Port Morris Road, 3191(3), Cumberland County, awarded June 21, 1950

preparing a supplemental Program to include enough projects to take up
ral Funds that will be available for the quarter starting with July 1, 1950.

ARTERIAL

ermit plans for proposed construction as requested by various Counties,
ssing of Trails (Plans for Final Payment, Preparing Final Estimates, etc.,
ic projects, Area Engineers' Final Inspection of Contract Work, etc.,
, etc., Bridges.

Form #AD-39

REPORTS - MONTHLY

MONTHLY DIVISIONAL REPORT Month of JUNE 19 60

Division: Roads, Design & Construction
Bureau: Location & Design

FEDERAL AID

Programming of EU-94(8) Rts. US 130 and 206 Interchanges (R/W); F-105(12) Rt. US 322 Weymouth to County Rd. 561 (R/W); F-1(5) Rt. US 40 Slapes Corner Rd. to Rt. 48 (R/W); I-287-1(10) Rt. I-287 River Rd. to Stelton Rd. (constr.); I-287-1(11) Rt. I-287 River Rd. to Stelton Rd. (utility); I-287-1(14) Rt. I-287 River Rd. Inter. to Rt. 22 Inter (constr.); I-80-5(11) Rt. I-80 NYSWRR to Erie RR(R/W); I-80-5(13) Rt. I-80 5000' E. Garden State Parkway to Saddle River Rd. (R/W); I-80-5(14) Rt. I-80 Hackensack River Bridge (constr.); I-80-5(15) Rt. I-80 Vic. of Erie RR & Green St. (Sand Drain Constr.); I-95-7(9) Rt. I-95 Teaneck Cr. E. to Rt. 4 (constr.);

OFFICE ENGINEER

Processing Plans and Specifications for Rt. 10, Sec.4B & 5A, Livingston Circle to Teed Rd.; Rt. US 22 Toll Bridge Approaches at Phillipsburg (contract to be let by Delaware Bridge Authority); Rt. 22 Sec. 4B, Liberty Ave. Viaduct; Rt. 23 Sec. 1A & 2A, Claremont Ave. to Rt. US 46 Resurfacing; Rt. 28 Sec 3A & 4A, East St. to Lincoln Ave., Widening & Resurfacing; Rt. 35 Sec. 2A,Brick Twp. to Seaside Heights, Dualization;Rt. 36, Sec. 5A, Eatontown Circle to Oceanport Ave., Dualization; Rt. 80 Sec. 1A & 2L, Landing Rd. to Netcong, Grading & Paving; Rt. 80 Sec. 5G, Hackensack River Bridge Substructure; Rt. 80 Sec. 5J, Sand Drains vicinity of Green St.; Rt. 95 Sec. 1E, Teaneck Creek to Rt. 4, Grading and Sand Drains; Rt. US 130 Sec 7B & 10B, Airport Circle to Salem Rd., Barrier Curb, Jug Handles, Resurfacing, Bridges; Rt. 287 Sec. 2C, River Rd. to Stelton Rd., Grading, Paving Structures; Rt. US 322 Sec. 3A, Weymouth to 561 Spur, Widening;

INTERSTATE

Rt. I-80, Sec. 1 - First portion of preliminary studies 95% complete, remainder continuing; I-80-2L Contract plans completed. Being processed for advertising in July; I-80-2J - Contract plans complete. Being processed for advertising in July; I-80-3 Denville to Wayne - waiting alignment approval of Bureau Public Roads; I-80-4,Rt. 23 Interchange approved by Bureau Public Roads. Design work underway; I-80-5 First two contracts to be advertised shortly. Being processed by office engineer; I-95 Sec. 1 - two additional contracts readied for advertising with two additional being processed for advertising; I-287 - Montville to Parsippany - Design of contracts #2 & #3 well underway. First contract 90% complete; I-287 - Morristown Area - Public Hearing held 6/28/60 for 9.4 miles which fills gap in this area;

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INTERSTATE (con't)

I-78-5 Springfield to Newark - Public Hearing Scheduled for July 15,1960; I-78-5 Berkeley Heights to Springfield - preparation of plans continuing and additional study of interchange at Berkeley Heights made; I-280 - East-West Freeway - East Orange, Orange, etc., waiting approval of hearing alignments, etc.

I-287 - Sec. 2C - River to Stelton Rd - being prepared for advertising.

MISCELLANEOUS

Rt. 21, Sec. 5 - Newark-Belleville - Compiling estimates on preliminary design for Bureau Public Roads; Rt. 22 - Liberty Ave. Viaduct - plans 100% complete, in Trenton for advertising; Rt. 17 & Rt. 22 - Revising 2 projects from Maintenance to contract projects; Rt. 24 Freeway - Millburn to Springfield - Public Hearing held June 14, 1960 - objections from Springfield regarding interchange of I-78 and Rt. 24; Rt. 17 - Ridgewood Avenue Overpass - plans 90% complete; Contract plans completed on Rt. 35, Seaside Heights to Mantoloking, Rt. 36 Eatontown Circle to Oceanport Ave., and Rt. U.S. 9, Sec. 12A & 13A, Pleasantville, drainage plans; Public Hearing held for Rts.69 & U.S. 202 - Ringoes to Flemington - on June 30, 1960.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of June 19 60

Division: Design & Construction

Bureau: Road Construction

ROUTE	SECTION	LOCATION	PERCENTAGE COMPLETED June 1st.	July 1st. 60
U.S. 1	1	Lake Drive to N.J. Motor Vehicle Inspection Station	99%	99%
U.S. 1	6-A Route	U.S. 130 to College Farm Road	17%	30%
1 & 9	1 & 2	Ramp Revisions, Grading, Paving & Bridges, Newark	73%	74%
1 & 9	6A & 7A	Tonnele Ave. Traffic Circle to Fairview Avenue	23%	40%
1	8A &			
9	4A & 25A	Intersection Revision at Ernston Rd. & Conn. to Route 34	40%	65%
4	3-A	Lafayette Avenue to 1000' South of Kenwood St. Barrier Curb	6%	18%
U.S. 9	2	Cape May Canal Bridge and Approaches	76%	85%
U.S. 9	3	Drainage Improvements	97%	97%
10	2-A	Underpass at Salem Street	76%	86%
10	3-A	Newark & Mt. Pleasant Turnpike to Route 53	43%	55%
10	4-A	Livingston Traffic Circle to Whippany Troy Hills Road	51%	60%
12	1-A	Baptistown Pavement Reconstruction	23%	29%
15	1	Burnt Meadow Brook, Grading & Paving Br. Approaches	49%	69%
17	3	Underpass at Century Road	77%	83%
18	2	Clifton Avenue to New Jersey Turnpike	79%	79%
18	5	From 800' E. Spring Valley Road to Route U.S. 9	48%	59%
20	4-A	South Drive to Broadway, Paving & Bridges		2%
21	1-B	Roosevelt Avenue to Highfield Lane	96%	96%
21	1-C	From Highfield Lane to So. Parkway, Grading, Paving & Br.	35%	40%
U.S. 22	1-A	Intersection Revision at Roseberry St. Phillipsburg		8%
29	15-A)	Wilburtha Road to Scudders Falls		
129	1-A)	Delaware River Bridge to Scotch Road	43%	47%
30	14-A	From Eleventh St. to Kaighn Avenue Overpass & Resurfacing		7%
35	6A & 7A	From 1500' So. of Eatontown Traffic Circle, Widening	8%	8%
35	12-B	From Smith St. to New Jersey Turnpike, Widening & Resurf.	22%	38%
38	1A & 2A	From Church Road to Marter Avenue, Dualization	59%	66%
73	2-A	So. Branch Pennsauken Creek to Route 38	17%	26%
U.S. 78	2-E	Central R.R. of N. J. to Mulhockaway Creek	90%	92%
80	2-E	Route U.S. 46 to Landing Rd. Bridge & Incidental Paving	54%	60%
80	2-H	Landing Rd. Interchange to Howard Blvd., Grading & Paving	2%	9%
80	4-A	Bridge over Relocated Route 20	56%	66%
80-S	1 &)	U.S. 130 to Browning Road & Route 80-S Interchange to		
295	2-G)	Copley Road	66%	79%
82	1-A	L.V.R.R. Bridge & Pavement Reconstruction	18%	27%
130	7A & 8B	From Interchange at Route 73 Township of Pennsauken	5%	9%
130	8A & 9A	From Coopertown Road to Cinnaminson Avenue	46%	60%
169	1	Constable Hook to Point Breeze	53%	58%
206	22-A	Lawnwood Ave. to Ryerson Ave. Pavement Reconstruction	17%	78%
208	2-A Etc.	Interchanges Borough of Franklin Lakes	15%	28%
208	3-A	Maple Avenue to Goffle Road, Pedestrian Overpass	54%	58%
287	1-B	Interchange to Viaduct at Lehigh Valley Railroad	20%	25%
287	1C & 2B	Weston Canal Road to River Road Interchange	47%	52%
295	1-C	Browning Lane to Broadway, Grading, Paving & Bridges	68%	70%
295	1-D	Rt. 47 to Rt. U.S. 130, Grading, Paving and Bridges	36%	47%
322	1	Weymouth Road to Route 50, Dualization	70%	79%
		N. J. State Teachers College at Union, Contract #2	89%	94%
P.I.P.	4	Demolition of Buildings on Former Burnett Property	79%	95%

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of June 19 60

Division: Design & Construction
Bureau: Road Construction

CONTRACTS AWARDED IN JUNE

Route U.S. 1 & 9, Section 8A and Route 93, Section 1A, from Wilt Avenue to DeGroot Avenue. Awarded to Sappah Construction Company on June 9, 1960.

Route U.S. 9, Section 25B, in South Amboy and Sayreville and for the Intersection Improvement at Grove Street on Route 27, Section 6A in Metuchen. Awarded to Middlesex Concrete Products & Excavating Company on June 12, 1960.

Route U.S. 1, 9 & 46, Section 1B and Route U.S. 46, Section 16A, Overpeck Creek to Jones Road. Awarded to George M. Brewster & Son, Inc. on June 27, 1960.

Route 69, Section 5-A, from Back Brook to Rocktown. Awarded to Kingston Bituminous Products Company on June 27, 1960.

Route U.S. 202, Section 8A, from So. Branch Raritan River to Beechwood Drive. Awarded to Glasgow, Incorporated on June 27, 1960.

Route 95, Section 1-D, Overpass Bridges at Broad Avenue & Grand Avenue Etc. Awarded to Malbros Contracting Company on June 30, 1960.

CONTRACT ACCEPTED IN JUNE

Route 101, Section 2-B, Union Turnpike to Mt. Hope - Rockaway Road, Grading, Paving and Bridges. Accepted June 22, 1960.

GENERAL NOTES

As of July 1, 1960, there were 49 projects underway, valued at $79,314,620. and being inspected by 173 men.

E. Y. Corson

E. Y. Corson
Supervising Engineer, Bureau of Road Construction

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of June 19 60

Division: State Aid

Bureau:

General: Substantial progress has been made by the Counties and Municipalities on their State Aid Program during June.

Counties: Eleven counties have their surface treatment programs under way. Other work has progressed at a rapid rate due to good weather. 31 items requiring office processing were received; processing was completed on 20 items.

Municipalities: Good weather during the period has permitted a high rate of work. 25 Municipal Aid Construction projects were completed in June. 327 items requiring office processing were received; processing was completed on 405 items.

Personnel: The assignment of projects inspectors to two or more jobs is the usual situation at this time. Some inspectors are looking after four or five jobs in a county. 15 radios were installed in cars used by Senior Engineers and inspectors in South Jersey. This communication system has already proved helpful in moving inspectors about to cover State Aid work.

Good weather during the period has permitted a high rate of work. 25 Municipal Aid Construction

The assignment of projects inspectors to two or more jobs is the usual situation at this time. Some inspectors are looking after four or five projects.

This communication system

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